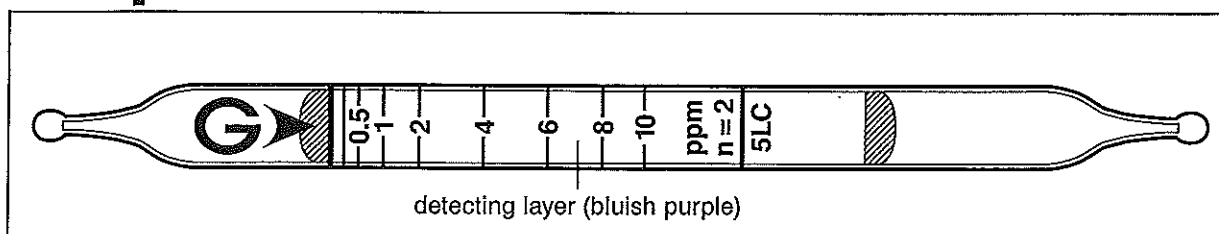


Sulphur Dioxide SO₂

No.5LC



Performance

Measuring range	0.1 to 0.25 ppm	(0.25) to 10 ppm	10 to 25 ppm
Number of pump strokes	4 (400 ml)	2 (200 ml)	1 (100 ml)
Correction factor	0.4	1	2.5
Sampling time	8 min	4 min	2 min

Detecting limit : 0.02 ppm (4 pump strokes)

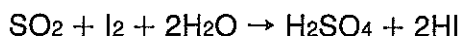
Colour change : Bluish purple → White

Corrections for temperature & humidity : Temperature correction is necessary.

Relative standard deviation : 10 % (for 0.25 to 2 ppm), 5 % (for 2 to 10 ppm)

Shelf life : 3 years

Reaction principle



Possible coexisting substances and their interferences (NOTE : Page 2-5)

Substance	Concentration	Interference	Changes colour by itself to
Hydrogen sulphide	≥ 1/10	+ (Unclear demarcation)	White
Nitrogen dioxide		- (Unclear demarcation)	Brown (approx. 1 mm long from the inlet)

Calibration gas generation

Permeation tube method

Special note

This detector tube is suitable for measuring sulphur dioxide coexisting with nitrogen, carbon dioxide or sulphur hexafluoride.